

Title (en)
KINETICALLY CONTROLLED -i(IN-SITU) GENERATION OF CATALYTIC SPECIES FOR THE CURING OF EPOXY/AMINE COMPOSITIONS

Title (de)
KINETISCH ÜBERPRÜFTE -I(IN-SITU) ERZEUGUNG VON KATALYTISCHEN SPEZIEN ZUR HÄRTUNG VON EPOXY/AMIN-ZUSAMMENSETZUNGEN

Title (fr)
FABRICATION -i(IN SITU), CONTROLEE CINETIQUEMENT, D'ESPECES CATALYTIQUES, S'APPLIQUANT AU DURCISSEMENT DE COMPOSITIONS A BASE D'EPOXY/AMINE

Publication
EP 0736053 A1 19961009 (EN)

Application
EP 95905436 A 19941221

Priority
• GB 9326427 A 19931224
• US 9414692 W 19941221

Abstract (en)
[origin: WO9518168A1] A method of preparing epoxy parts wherein the interval of low viscosity of an amine-hardened epoxy system can be extended without sacrifice of cure time. Suitable catalysts for the epoxy-amine hardener reaction are generated in situ. As an advantage, more epoxy articles may be prepared with a given mold capacity having improved wet-out of fiber reinforcement attributed to a larger interval of low viscosity.

IPC 1-7
C08G 59/68; **C08G 65/10**

IPC 8 full level
C08G 59/18 (2006.01); **C08G 59/50** (2006.01); **C08G 59/68** (2006.01)

CPC (source: EP)
C08G 59/18 (2013.01); **C08G 59/50** (2013.01); **C08G 59/68** (2013.01)

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 9518168 A1 19950706; AU 1405195 A 19950717; DE 69434098 D1 20041202; DE 69434098 T2 20051201; EP 0736053 A1 19961009; EP 0736053 A4 19970416; EP 0736053 B1 20041027; ES 2231782 T3 20050516; GB 9326427 D0 19940223; JP H09507262 A 19970722

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US 9414692 W 19941221; AU 1405195 A 19941221; DE 69434098 T 19941221; EP 95905436 A 19941221; ES 95905436 T 19941221; GB 9326427 A 19931224; JP 51812095 A 19941221